

GRAVELLESS TRENCH COMPONENTS

Gravelless Drainfield Systems	Chambers, Bundles or Large Dia. Pipe	Model	Sizing Factor	Rating (ft ² /ft)	Unit Dimensions (H" x W" x L")	Cert. Date
Advanced Drainage Systems ¹ / Bio-Diffuser Chambers ¹ / Hancor ¹	Chamber	Arc 36	25%	4.00	13" x 34.5" x 60"	01-06
		Standard 1100BD (Low Profile, Original)	25%	4.00	11" x 34" x 76"	12-92
		High Capacity 1400BD (Original Standard)	25%	4.00	14" x 34" x 76"	12-92
	Large Dia. Pipe	SB-2 (Ø10")	25%	1.33	10" dia. x 240" long	9-82
Infiltrator Systems, Inc.	Chamber	Quick 4 Standard	25%	4.00	12" x 34" x 48"	7-05
		Quick 4 Equalizer 36	25%	2.67	12" x 22.8" x 48"	7-05
Prinsco, Inc.	Large Dia. Pipe	Goldline GLP (Ø8")	25%	1.33	8" dia. x 120" or 240" long	12-95
		Goldline GLP (Ø10")	25%	1.33	10" dia. x 120" or 240" long	12-95
Ring Industrial Group (EZ Flow)	EPS ³ Pipe	1201P* & 1201P-Geo ^{*2}	25%	1.33	12" x 12" x 120"	02/04
		1202H** & 1202H-Geo ^{**2}	25%	2.67	12" x 24" x 120"	02/04
		1203H*** & 1203H-Geo ^{***2}	25%	4.00	12" x 36" x 120"	10/07

*: in one (1') foot wide trench.

**.: in two (2') foot wide trench.

***.: in three (3') foot wide trench.

1: Advanced Drainage Systems is now the parent company for both Hancor and Bio-Diffuser. Product markings may change to reflect new ownership.

2: "-Geo" suffix indicates product contains geotextile fabric inside the mesh. Geotextile should be oriented on top to limit soil intrusion. Product must still be covered to prevent soil intrusion per Rule (IDAPA 58.01.03.008.07).

3: EPS = Expanded Polystyrene

Trench & Product Width to Rating Correlation Table

The measured width of the product must be at least 90% of the design trench width.

Trench Width	Product Measured Width must be at least:	Rating = Design Trench Width divided by 0.75
36" (3.0')	32.4"	4.00 ft ² /lineal foot
30" (2.5')	27.0"	3.33 ft ² /lineal foot
24" (2.0')	21.6"	2.67 ft ² /lineal foot
18" (1.5')	16.2"	2.00 ft ² /lineal foot
12" (1.0')	10.8"	1.33 ft ² /lineal foot